

CLAIMS

1. A gas cooking surface comprising at least one gas burner (1) and a control device (21) for adjusting the heating capacity stages, which gas burner (1), depending on the adjusted heating capacity stage, operates in a continuous mode (I) in which gas is supplied continuously to the gas burner (1), or in a clocked mode (II) in which the gas burner (1) is supplied with gas in an intermittent manner, characterised in that the control device (21) has a touch contact (37, 39) for switching between the heating capacity stages which switches both the heating capacity stages associated with the continuous mode (I) and also the clocked mode (II).
2. The gas cooking surface according to claim 1, characterised in that the gas burner (1) is switched on by a first actuation of the touch contact (37, 39).
3. The gas cooking surface according to claim 1 or 2, characterised in that when the gas burner (1) is automatically switched on by the touch contact (37, 39), the control device (21) automatically adjusts a starting heating capacity stage (49) in which the gas burner (1) operates in the continuous mode (I).
4. The gas cooking surface according to claim 3, characterised in that the starting heating capacity stage (49) automatically adjusted by the control device (21) is a minimal heating capacity stage (49) in the continuous mode (I).
5. The gas cooking surface according to any one of the preceding claims, characterised in that the touch contact (37, 39) has a plus button (37) for increasing the heating power and/or a minus button (39) for reducing the heating power.
6. The gas cooking surface according to claim 5, characterised in that the gas burner (1) is switched on by a first actuation of the plus button (37) and/or the minus button (39).

7. The gas cooking surface according to claim 6, characterised in that a maximum heating power stage (51) in the continuous mode (I) is set when the minus button (39) is first actuated to switch on the gas burner (1).
8. The gas cooking surface according to any one of claims 5 to 7, characterised in that the gas burner (1) is switched off by simultaneously actuating the plus button (37) and the minus button (39).
9. The gas cooking surface according to any one of claims 5 to 7, characterised in that the gas burner (1) is switched off by actuating the minus button (39) in a minimum heating power stage (47) in the clocked mode (II).
10. The gas cooking surface according to any one of claims 5 to 7, characterised in that the gas burner (1) is switched off by actuating the plus button (37) in a maximum heating power stage (51) in the clocked mode (II).
11. The gas cooking surface according to any one of the preceding claims, characterised in that the gas burner (1) operates in an upper power range in the continuous mode (I) and in a lower power range in the clocked mode (II)..